

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Moriarty, K et al.

Attorney Docket No: 19.0353

Serial No:

Art Unit:

Filed:

Examiner:

For: DIRECTIONAL CASING DRILLING

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION
WITH POWER OF ATTORNEY**

☒ Declaration Submitted with Initial Filing

☐ Declaration Submitted after Initial Filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIRECTIONAL CASING DRILLING

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington, DC 20231 by:

☐ facsimile to number _____.

☐ first class mail.

☒ Express Mail: Post Office to Addressee No. **EV399694462 US**

December 12, 2003
Date

Kerry Morris
Kerry Morris

the specification of which

☒ is attached hereto.

☐ was filed on _____ as United States Application Number or PCT International Application Number _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Numbers	PCT Parent Number	Parent Filing Date	Parent Patent Number

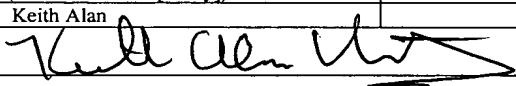
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

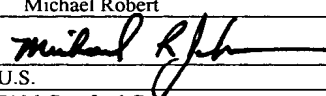
Name	Registration No.	Name	Registration No.
Jeffrey E. Griffin	36,534	Jaime Castaño	41,660
Wayne I. Kanak	35,564	Victor Segura	44,329
John J. Ryberg	31,134	Tim W. Curington	45,944
Bryan White	45,211	Robin C. Nava	42,926
Jennie Salazar	45,065	Brigitte Echols	38,925
Bryan Galloway	50,312	Bill Wang	39,871
Danita Maseles	33,419	Bill Batzer	37,088
Steven Schlather	45,081	James Kurka	47,726

Direct all correspondence to:

**Patent Counsel
Schlumberger Stonehouse Technology Centre
Brunel Way, Stroudwater Business Park
Stonehouse, Gloucestershire.
GL10 3SX UK**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor					<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])					Family Name or Surname			
Keith Alan					Moriarty			
Inventor's Signature					Date	12/10/03		
Citizenship	U.S.							
Residence Address	603 Durley							
Residence: City	Houston	State	TX	ZIP	77079	Country	U.S.	
Post Office Address	603 Durley							
City	Houston	State	TX	ZIP	77079	Country	U.S.	

Additional Inventor					<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])					Family Name or Surname			
Michael Robert					Johnson			
Inventor's Signature					Date	12/10/03		
Citizenship	U.S.							
Residence Address	7106 Cranford Ct							
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.	
Post Office Address	7106 Cranford Ct.							
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Moriarty et al.

Attorney Docket No.: 19.0353

Serial No.:

Art Unit:

Filed:

Examiner:

Title: Directional Casing Drilling

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY

As the owner of the above-referenced patent application, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey E. Griffin, 36,534
Jaime A. Castano, 41,660
Brigitte L. Jeffery, 38,925
Victor Segura, 44,329
Bryan White, 45,211
Kevin McEnaney, 46,258
James Kurka, 47,726

Robin C. Nava, 42,926
Tim W. Curington, 45,944
John J. Ryberg, 31,134
Wayne I. Kanak, 35,564
Jennie Salazar, 45,065
Bryan Galloway, 50,312

Direct all correspondence to:

IP Department
Schlumberger Stonehouse Technology Center
Brunel Way, Stroudwater Business Park
Stonehouse, Glos GL10 3SX
United Kingdom



Tim W Curington
IP Counsel
Schlumberger Technology Corporation

12-5-03

Date

Tim Curington
Schlumberger Stonehouse Technology Center
Brunel Way, Stroudwater Business Park
Stonehouse, Glos GL10 3SX
United Kingdom